

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph starting on page 13 line 19 and ending on page 14 line 5 as follows:

A system incorporating the edge detector is shown in **Figure 7**. An object 702 with an edge to be detected is placed in holder 704, which is in turn mounted on object positioning stage 706. The position of the holder 704 along the length of the object positioning stage 706 may be adjusted by a linear servomotor or other suitable adjustment means. The edge detection device 708 is mounted on positioning platform 710, which is in turn mounted on detector positioning stage 712. The position of the holder 710 relative to the detector positioning stage may be varied by a linear servo-motor in a direction perpendicular to the object positioning stage 706. An edge detector calibration fiducial 714 is attached to the holder 704 at a known location and is used in the calibration of the edge detector.